



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Parkhe, et al.

Patent No.: 6,743,473 B1

Issued: June 1, 2004

Serial No.: 09/505,638

Filed: February 16, 2000

**For: Chemical Vapor Deposition
of Barriers from Novel
Precursors**

[illegible]

Group Art Unit: 1762

Examiner: Bret Chen

Certificate
JAN 27 2005
of Correction

**Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

CERTIFICATE OF MAILING
37 CFR 1.8

I hereby certify that this correspondence is being deposited on
January 14, 2005 with the United States Postal Service as
First Class Mail in an envelope addressed to: Certificate of
Correction Branch, Commissioner for Patents, P.O. Box 1450
Alexandria, VA 22313-1450.

1/14/05 A. Wilhoit
Date Signature

Dear Sir:

REQUEST FOR CERTIFICATE OF CORRECTION

Attached is a Certificate of Correction for correcting several errors throughout the printed patent.

Applicants submit that at least some of the errors mentioned above were made by Applicants. The Commissioner is authorized to charge the \$100.00 Certificate of Correction fee to Deposit Account No. 20-0782/APPM/3980/BTP.

01/19/2005 HDEMESS1 00000069 200782 6743473
01 FC:1811 100.00 DA

Respectfully submitted,

B. Todd Patterson

B. Todd Patterson
Registration No. 37,906
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd. Suite 1500
Houston, TX 77056
Telephone: (713) 623-4844
Facsimile: (713) 623-4846
Agent for Applicant(s)

28 JAN 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,743,473 B1

DATED : June 1, 2004

INVENTOR(S) : Vijay D. PARKHE, Gilbert HAUSMANN, Jagadish KALYANAM

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 3:Line 18 should read: $(Cp(R)_n)_xMH_{y-x}(I)$.**Column 4:**

Line 37, change "many" to --may--.

Line 62, change "metalation" to --metallization--.

Column 5:

Line 20, change "stirring" to --striking--.

Line 55, change "triethylsilyl" to --trimethylsilyl--.

Column 6:

Line 11, change the first occurrence of "100" to "1000".

Line 32, remove the "." after "vapor".

Line 46, remove the "," after "film".

Column 7:

Line 3, change "density" to --densify--.

Line 12, delete the "," after "plasma".

MAILING ADDRESS OF SENDER: B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056-6582

PATENT NO. 6,743,473No  al copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

28 JAN 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,743,473 B1

DATED : June 1, 2004

INVENTOR(S) : Vijay D. PARKHE, Gilbert HAUSMANN, Jagadish KALYANAM

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 7:

Line 55, change "density" to --densify--.

Line 58, change "density" to --densify--.

Column 8:

Line 7, insert --be-- after "may then".

Line 17, delete the "," after "plasma".

Line 67, change "conformably" to --conformally--.

Column 9:

Line 45, delete the "," after "between".

Line 58, delete the "," after "molar".

Column 10:

Line 9, change "NON-conducting" to --Non-conducting--.

Line 18, change "process in" to --processing--.

Column 11:

Line 53, change "density" to --densify--.

MAILING ADDRESS OF SENDER: B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056-6582

PATENT NO. 6,743,473No  al copies

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

28 JAN 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,743,473 B1

DATED : June 1, 2004

INVENTOR(S) : Vijay D. PARKHE, Gilbert HAUSMANN, Jagadish KALYANAM

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 12:

Line 2, delete the "," after "about".

Line 17, change "20" to -120--.

Column 13:

Line 24, change "drubbing" to -rubbing--.

Column 14:

Line 36, delete the "," after the first occurrence of "temperature".

Column 15:

Line 41, delete the "." after the second occurrence of "CVD".

Line 43, delete the "." after "CVD".

Line 58, change "though" to -through--.

Line 59, change "which" to -while the--.

Column 16:

Line 6, change "density" to -densify--.

Column 18:

Line 5, change "bold" to -hold--.

MAILING ADDRESS OF SENDER: B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056-6582

PATENT NO. 6,743,473

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

2 8 JAN 2005

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO : 6,743,473 B1

DATED : June 1, 2004

INVENTOR(S) : Vijay D. PARKHE, Gilbert HAUSMANN, Jagadish KALYANAM

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Column 19:

Line 25, change "preformed" to --performed--.

Column 20:

Line 34, change "(C₅H₅)₂TaA₃" to -- (C₅H₅)₂TaH₃--.

IN THE CLAIMS:**Column 22:**

Claim 1, line 58, insert --and hafnium,-- after "vanadium, niobium,".

Column 24:

Claim 21, line 27, change "ac" to --a--.

Claim 26, delete the second occurrence of "vanadium, tantalum, niobium, hafnium".

Column 25:

Claim 26, delete the second occurrence of "and combinations thereof".

Claim 27, line 8, delete the "," after "niobium silicon".

MAILING ADDRESS OF SENDER:

B. Todd Patterson
MOSER, PATTERSON & SHERIDAN, L.L.P.
3040 Post Oak Blvd., Suite 1500
Houston, TX 77056-6582

PATENT NO. 6,743,473

No. of additional copies


This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

9 8 JAN 2005